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Date: Nov 29, 2001 2:33 AM  
About: Results were produced by the GenCore software, version 4.5,  
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Query length: 548  
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Database length: 113238999  
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seq\_documentation\_block:  
: Sequence 13, Application US/09111752  
: Patent No. 6074859  
: GENERAL INFORMATION:  
: APPLICANT: HIROKAWA, KOZO  
: APPLICANT: KAJIYAMA, NAOKI  
: APPLICANT: MURAKAMI, SEIJI  
: TITLE OF INVENTION: MUTANT-TYPE BIOLUMINESCENT PROTEIN, AND  
: TITLE OF INVENTION: PROCESS FOR PRODUCING MUTANT-TYPE LUMINESCENT PROTEIN  
: NUMBER OF SEQUENCES: 14  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
: ADDRESS: P.C.  
: STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
: CITY: ARLINGTON  
: STATE: VA  
: COUNTRY: USA  
: ZIP: 22202  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: PatentIn Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/09/111.752  
: FILING DATE: 08-JUL-1998  
: CLASSIFICATION: 435  
: ATTORNEY/AGENT INFORMATION:  
: NAME: OBLON, NORMAN F.  
: REGISTRATION NUMBER: 24,618  
: REFERENCE/DOCKET NUMBER: 7126-0009-0  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: 703-413-3000  
: TELEFAX: 703-413-2220  
: INFORMATION FOR SEQ ID NO: 13:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 1644 base pairs  
: TYPE: nuc-eic acid  
: STRANDEDNESS: single  
: TOPOLOGY: linear  
: MOLECULE TYPE: cDNA to mRNA  
: ORGANISM: Luciola lateralis  
: US-09-111-752-13

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; Sequence 7, Application US/07903047

; Patent No. 5229285

; GENERAL INFORMATION:

; APPLICANT: Kajiyama, Naoki

; APPLICANT: Nakano, Eiichi

; TITLE OF INVENTION: Thermostable Luciferase Of Firefly,

; TITLE OF INVENTION: Thermostable Luciferase Gene Of Firefly,

; TITLE OF INVENTION: DNA, And Process For The Preparation Of Thermostable

; TITLE OF INVENTION: Luciferase Of Firefly

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

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: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/903,047
: FILING DATE: 19920623
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Mistrock, S. Leslie
: REGISTRATION NUMBER: 18,872
: REFERENCE/DOCKET NUMBER: 7005-048
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 212 790-9090
: TELEFAX: 212 869-8864/9741
: TELEX: 66141 PENNIE
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1644 base pairs
: TYPE: NUCLEIC ACID
: STRANDEDNESS: single
: TOPOLOGY: unknown
: MOLECULE TYPE: cDNA to mRNA
: US-07-903-047-7

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301 GlnLeuLeuAspLysTyrAspLeuSerAsnLeuValGluIleAlaSerG 317
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; Sequence 8, Application US/08460934
; Patent No. 5814465
; GENERAL INFORMATION:
; APPLICANT: TATSUMI, HIROKI
; APPLICANT: FUKUDA, SATOSHI
; APPLICANT: KIKUCHI, MAMORU
; APPLICANT: KOYAMA, YASUJI
; TITLE OF INVENTION: BIOTINYLATED FIREFLY LUCIFERASE, A GENE
; TITLE OF INVENTION: FOR BIOTINYLATED FIREFLY LUCIFERASE, A RECOMBINANT DNA, A
; TITLE OF INVENTION: PROCESS FOR PRODUCING BIOTINYLATED AND A BIOLUMINESCENT
; TITLE OF INVENTION: ANALYSIS METHOD
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,934
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 193798/1994
; FILING DATE: 27-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 54625/1995
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 98857/1995
; FILING DATE: 24-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 7126-001-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1908 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
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; LOCATION: 1..1908
; OTHER INFORMATION: /note= "The nucleotide sequence of
; OTHER INFORMATION: the biotinylated firefly luciferase gene contained in
; OTHER INFORMATION: recombinant plasmid pHLf248 DNA"
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; NAME/KEY: CDS
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; Patent No. 5843746

; GENERAL INFORMATION:

; APPLICANT: TATSUMI, HIROKI

; APPLICANT: FUKUDA, SATOSHI

; APPLICANT: KIKUCHI, MAMORU

; APPLICANT: KOYAMA, YASUJI

; TITLE OF INVENTION: BICITINYLATED FIREFLY LUCIFERASE, A GENE

; TITLE OF INVENTION: FOR BICITINYLATED FIREFLY LUCIFERASE, A RECOMBINANT DNA, A  
; PROCESS FOR PRODUCING BIOTINATED AND A BIOLUMINESCENT

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 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
 ADDRESSEE: P.C.  
 STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR  
 CITY: ARLINGTON  
 STATE: VA  
 COUNTRY: USA  
 ZIP: 22202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
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 APPLICATION NUMBER: US/08/782,118  
 FILING DATE: 13-JAN-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/460,934  
 FILING DATE: 05-JUN-1995  
 APPLICATION NUMBER: JP 193798/1994  
 FILING DATE: 27-JUL-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 54525/1995  
 FILING DATE: 14-MAR-1995  
 APPLICATION DATA:  
 APPLICATION NUMBER: JP 98357/1995  
 FILING DATE: 24-APR-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: OBLON, NORMAN F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 7126-001-0  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703-413-3000  
 TELEFAX: 703-413-2220  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1908 base pairs  
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; GENERAL INFORMATION:
; APPLICANT: TATSUMI, HIROKI
; APPLICANT: FUKUDA, SATOSHI
; APPLICANT: KIKUCHI, HAMORU
; APPLICANT: KOYAMA, YASUJI
; TITLE OF INVENTION: BIOTINYLATED FIRELY LUCIFERASE, A GENE
; TITLE OF INVENTION: FOR BIOTINYLATED FIRELY LUCIFERASE, A RECOMBINANT DNA, A
; TITLE OF INVENTION: PROCESS FOR PRODUCING BIOTINATED AND A BIOLUMINESCENT
; TITLE OF INVENTION: ANALYSIS METHOD
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
; CITY: ARLINGTON
; STATE: VA
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; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08-460-934
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 193798/1994
; FILING DATE: 27-JUL-1994
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; FILING DATE: 14-MAR-1995
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 98857/1995
; FILING DATE: 24-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
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; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 7126-001-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
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; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1704 base pairs
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documentation_block:
sequence No. 5, Application US/08782-118
Patent No. 5843746
GENERAL INFORMATION:
APPLICANT: TAISUMI, HIROKI
APPLICANT: FUKUDA, SATOSHI
APPLICANT: KIKUCHI, MAMORU
APPLICANT: KOYAMA, YASUJI
TITLE OF INVENTION: BIOTINYLATED FIREFLY LUCIFERASE, A GENERAL METHOD FOR BIOTINYLATING BIOMOLECULES, AND A METHOD FOR PRODUCING BIOTINYLATED AND A BIOTINYLATED BIOMOLECULE
TITLE OF INVENTION: FOR BIOTINYLATED FIREFLY LUCIFERASE, A GENERAL METHOD FOR BIOTINYLATING BIOMOLECULES, AND A METHOD FOR PRODUCING BIOTINYLATED AND A BIOTINYLATED BIOMOLECULE
TITLE OF INVENTION: PROCESS FOR PRODUCING BIOTINYLATED AND A BIOTINYLATED BIOMOLECULE
TITLE OF INVENTION: ANALYSIS METHOD
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
ADDRESSER: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, FOURTH FLOOR
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent'n Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/782,118
FILING DATE: 13-JAN-1997

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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
  FILING DATE: 05-JUN-1995
  APPLICATION NUMBER: JP 193798/1994
  FILING DATE: 27-JUL-1994
  PRIOR APPLICATION DATA:
    FILING DATE: 14-MAR-1995
    APPLICATION NUMBER: JP 54625/1995
  PRIOR APPLICATION DATA:
    FILING DATE: 24-APR-1995
    APPLICATION NUMBER: JP 98857/1995
  ATTORNEY/AGENT INFORMATION:
    NAME: OBLON, NORMAN F.
    REGISTRATION NUMBER: 24,618
  REFERENCE/DOCKET NUMBER: 7126-001-0
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: 703-413-3000
    TELEFAX: 703-413-2220
  INFORMATION FOR SEQ ID NO: 5:
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    MOLECULE TYPE: DNA (genomic)
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      OTHER INFORMATION: /note= "Nucleotide sequence of the
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US-08-782-118-5

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? Patent No. 5219737
? GENERAL INFORMATION:
? APPLICANT: KAJIYAMA, NAOKI
? APPLICANT: NAKANO, EICHI
? TITLE OF INVENTION: MUTANT LUCIFERASE OF A FIREFLY, MUTANT
? TITLE OF INVENTION: LUCIFERASE GENES, NOVEL RECOMBINANT DNAS CONTAINING THE
? TITLE OF INVENTION: GENES AND A METHOD OF PRODUCING MUTANT LUCIFERASE
? NUMBER OF SEQUENCES: 4
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: PENNIE & EDMONDS
? STREET: 1155 AVENUE OF THE AMERICAS
? CITY: NEW YORK
? STATE: N.Y.
? COUNTRY: U.S.A
? ZIP: 10036
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patentin Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/07/675,211
? FILING DATE: 19910326
? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: MISROCK, S. LESLIE
? REGISTRATION NUMBER: 18,872
? REFERENCE/DOCKET NUMBER: 7005-026-999
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 212-790-9090
? TELEFAX: 212-869-9741
? TELEX: 66141 PENNIE
? INFORMATION FOR SEQ ID NO: 1:
? SEQUENCE CHARACTERISTICS:
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; Sequence 1, Application US/07903047  
; Patent No. 529285  
; GENERAL INFORMATION:  
; APPLICANT: Kajiyama, Naoki  
; APPLICANT: Nakano, Eiichi  
; TITLE OF INVENTION: Thermostable Luciferase Of Firefly,  
; TITLE OF INVENTION: Thermostable Luciferase Gene Of Firefly,  
; TITLE OF INVENTION: DNA, And Process For The Preparation Of  
; TITLE OF INVENTION: Luciferase Of Firefly  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue Of The Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/903,047  
; FILING DATE: 19920623  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mistock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 7005-048  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212 790-9090  
; TELEFAX: 212 869-8864/9741  
; TELEX: 66141 PENNIE  
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; LENGTH: 1644 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA to mRNA  
US-07-903-047-1

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OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/076,042  
 FILING DATE: 15-JUN-1993  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/675,211  
 FILING DATE: 26-MAR-1991  
 NAME: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: MISROCK, S. LESLIE  
 REGISTRATION NUMBER: 18,872  
 REFERENCE/DOCKET NUMBER: 7005-026-999  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-790-9090  
 TELEFAX: 212-869-9741  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1644 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 ORIGINAL SOURCE:  
 ORGANISM: Luciola cruciata  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..1644  
 US-08-076-042-1

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     Quality: 2684.00  
     Ratio: 4.943  
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seq_documentation_block:
; Sequence 3, Application: US/08/757046A
; Patent No. 5876995
; GENERAL INFORMATION:
; APPLICANT: Bryao, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,046A
; FILING DATE: 11-25-96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/597,274
; FILING DATE: 02-06-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 6680-105B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-238-0999
; TELEFAX: 619-238-0062
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1644 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:

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; NAME/KEY: Coding Sequence
; LOCATION: 1...1644
; OTHER INFORMATION: Luciola Cruciata Luciferase (Firefly)
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: PATENT NO.: 4,968,613
; US-08-757-046A-3

alignment_scores:
    Quality: 2684.00      Length: 548
    Ratio: 4.943         Gaps: 0
    Percent Similarity: 99.088    Percent Identity: 93.431

alignment_block:
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seq_documentation_block:
; Sequence 3, Application US/09447208
; Patent No. 6113886
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/447,208
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 0909/135,988
; FILING DATE: 08-17-98
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/7757,046
; FILING DATE: 11-25-96
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/597,274
; FILING DATE: 02-06-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24727-105C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-450-8400
; TELEFAX: 619-450-8499
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1644 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...1644
; OTHER INFORMATION: Luciola Cruciata Luciferase (Firefly)
; PUBLICATION INFORMATION:
; US-09-447-208-3

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Ratio: 4.943 Gaps: 0
Percent Similarity: 99.088 Percent Identity: 93.431

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; Patent No. 6152358
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
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COUNTRY: USA  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/135,988  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/597,274  
 FILING DATE: 02-06-96  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Seidman, Stephanie L.  
 REGISTRATION NUMBER: 33,779  
 REFERENCE/DOCKET NUMBER: 24727-105C  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 619-450-8400  
 TELEFAX: 619-450-8499  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1644 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 FEATURE:  
 NAME/KEY: Coding Sequence  
 LOCATION: 1..1644  
 OTHER INFORMATION: Luciola Cruciata Luciferase (Firefly)  
 PUBLICATION INFORMATION:  
 US-09-135-988-3

alignment\_scores:  
 Quality: 2684.00 Length: 548  
 Ratio: 4.943 Gaps: 0  
 Percent Similarity: 99.088 Percent Identity: 93.431  
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; Patent No. 6232107
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; APPLICANT: Szent-Gyorgyi, Christopher
; APPLICANT: PROLUME, LTD.
; TITLE OF INVENTION: LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 60/102,939
; EARLIER FILING DATE: 1998-10-01
; EARLIER APPLICATION NUMBER: 60/089,367
; EARLIER FILING DATE: 1998-06-15
; EARLIER APPLICATION NUMBER: 60/079,624
; EARLIER FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 32
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; TYPE: DNA
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; LOCATION: (1)..(1644)
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; OTHER INFORMATION: Luciola cruciata (firefly) luciferase
; PUBLICATION INFORMATION:
; PATENT DOCUMENT NUMBER: 4,968,613
; PATENT FILING DATE: 1988-07-26
; PUBLICATION DATE: 1990-11-06
; US-09-277-716-3
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